

(No Model.)

H. KROBLER.
CAR COUPLING.

No. 272,840.

Patented Feb. 20, 1883.

Fig. 1

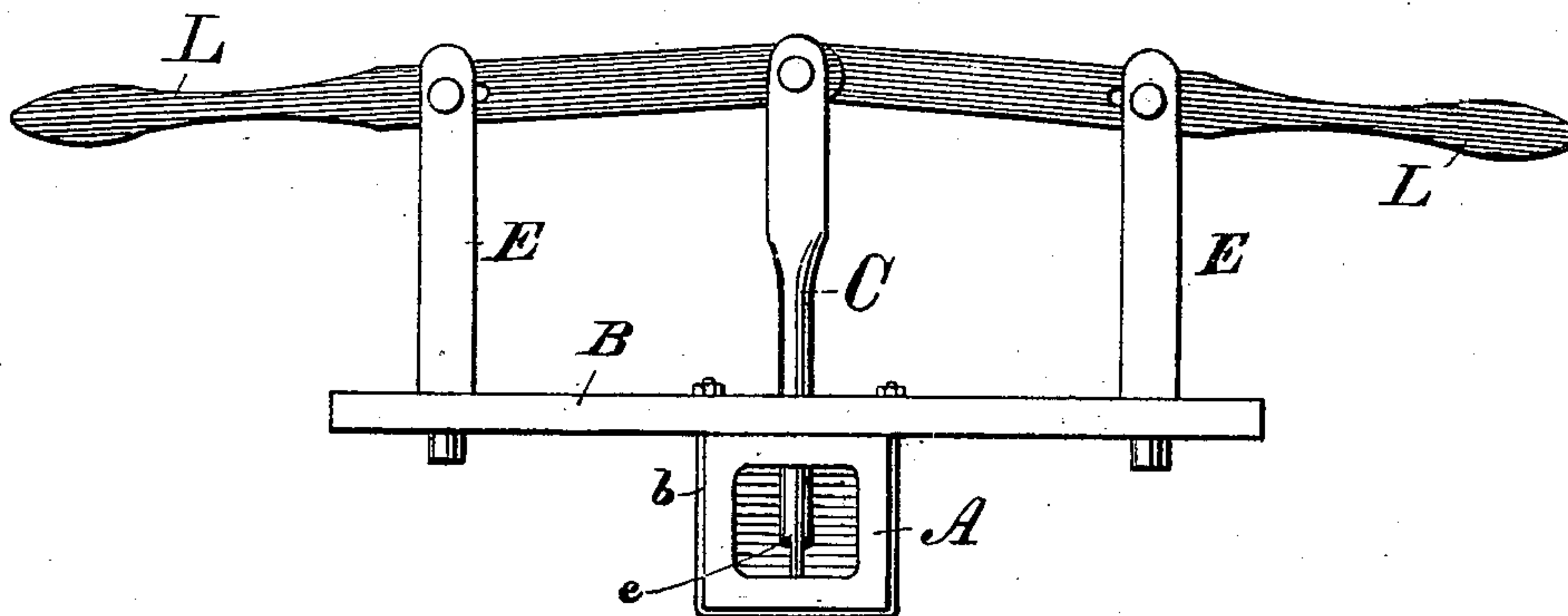


Fig. 2

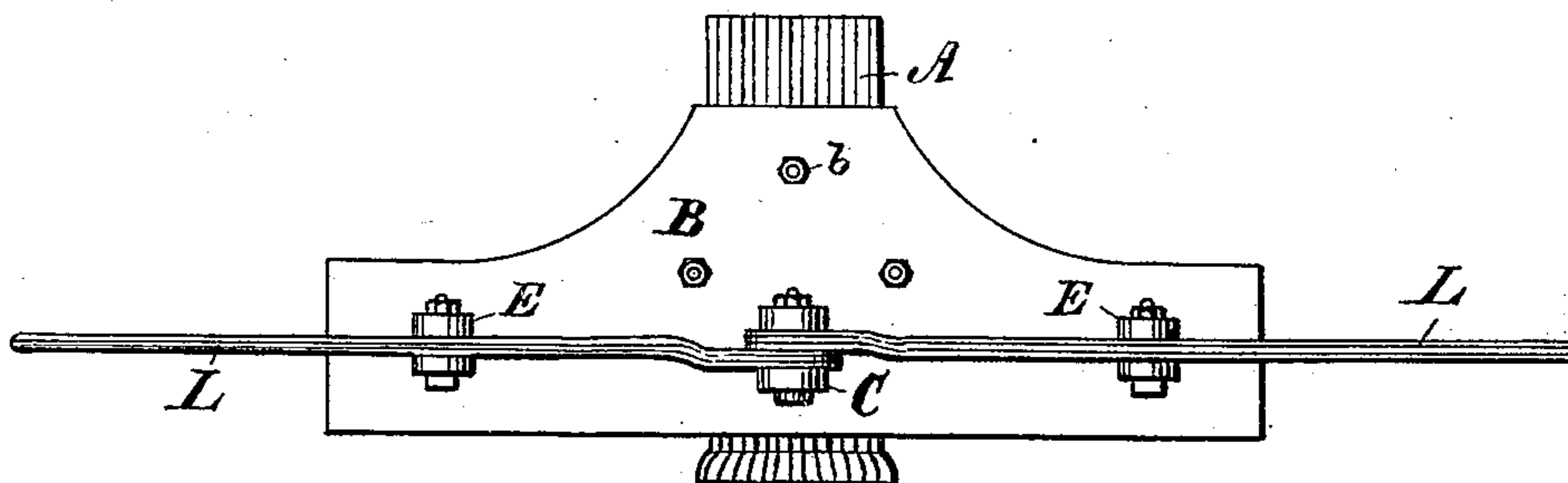


Fig. 3

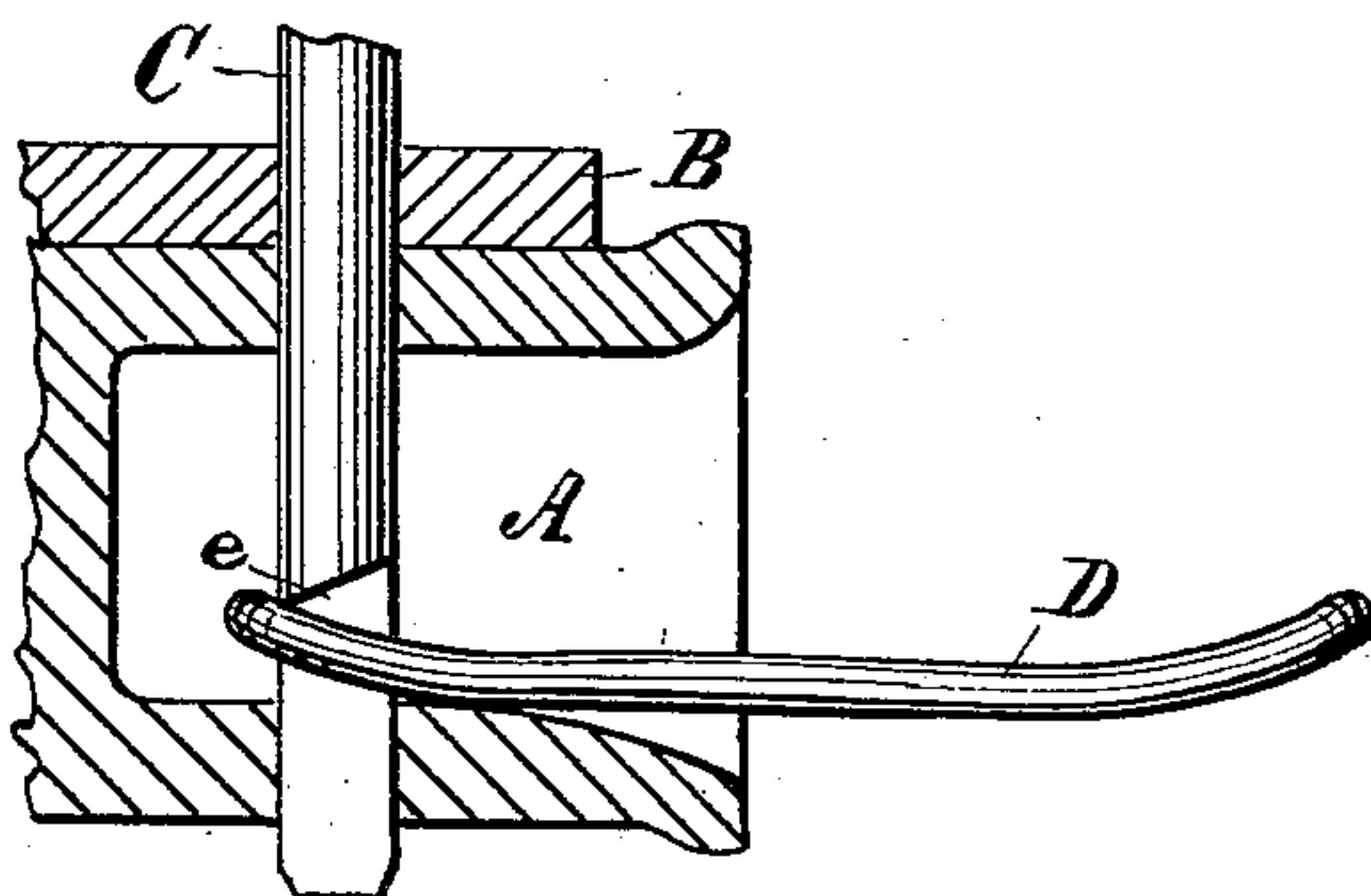
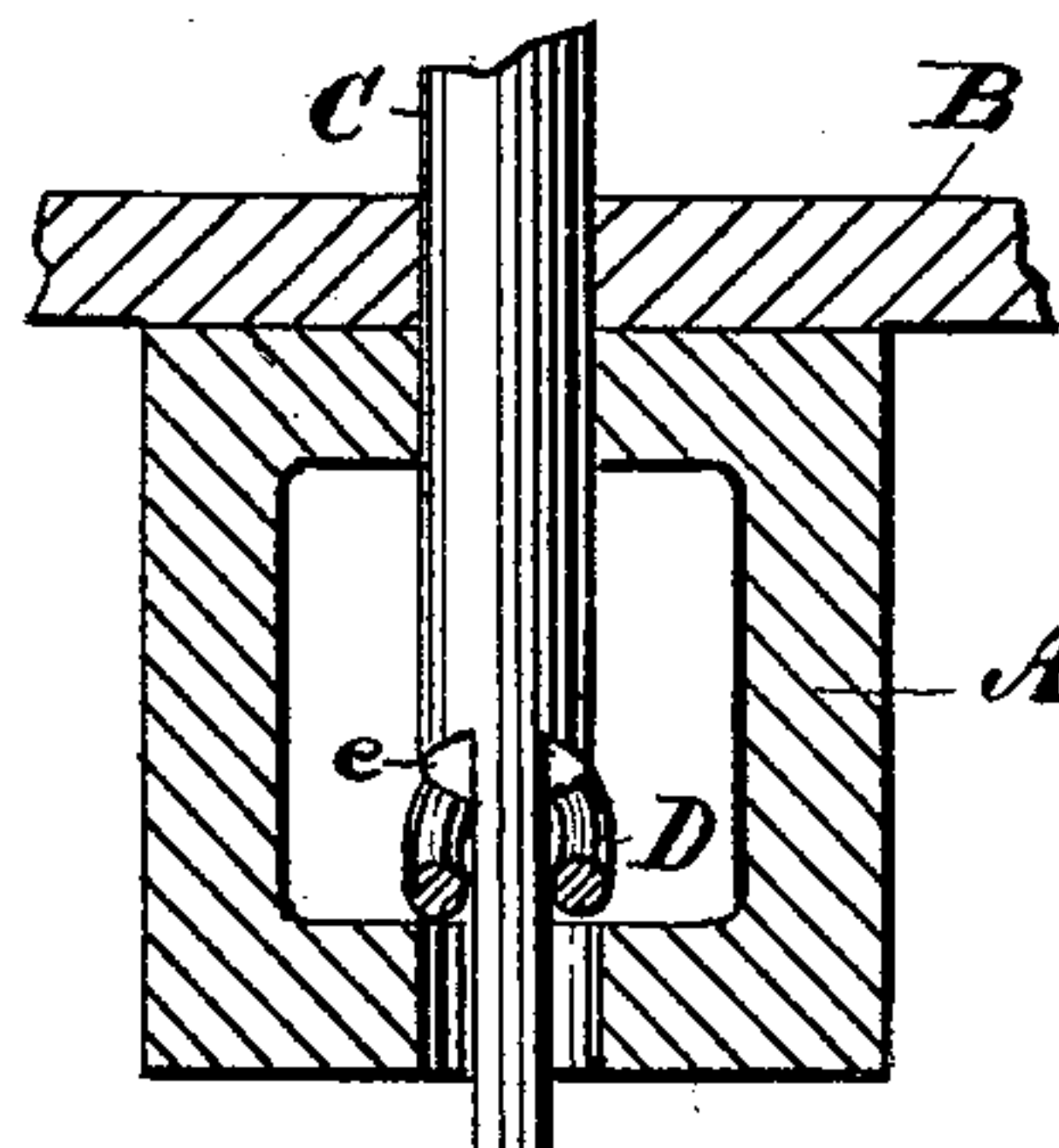


Fig. 4



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HENRY KROBLIN, OF BOONE, IOWA.

CAR-COUPLING.

SPECIFICATION forming part of Letters Patent No. 272,840, dated February 20, 1883.

Application filed October 12, 1882. (No model.)

To all whom it may concern:

Be it known that I, HENRY KROBLIN, a citizen of the United States of America, residing at Boone, in the county of Boone and State of Iowa, have invented an Improvement in Car-Couplers, of which the following is a specification, to wit:

My invention relates to improvements in that class of car-couplers provided with handles, which extend out to the side of the cars, for operating the pin and link, whereby a coupling may be effected without the necessity of getting between the cars; and the object of my invention is to provide a simple and inexpensive device, which may be readily attached to the ordinary draw-heads now in use without incurring the expense of new draw-bars, as is generally the case with couplings of this class.

To this end my invention consists in the construction and arrangement of parts, as hereinafter more fully described with reference to the accompanying drawings, in which—

Figure 1 is a front elevation of my improved coupling; Fig. 2, a plan view of the same, and Figs. 3 and 4 sectional detail views.

Similar letters refer to similar parts throughout the several views.

In the said drawings, A represents the draw-head of an ordinary coupling, to the top of which is secured a platform, B, by means of a yoke, b, passing around the draw-head and extending through the platform, with suitable nuts thereon, and by a bolt, b', passing through the said draw-head, or in any other suitable manner. The platform B is preferably made of iron, and is of sufficient length to receive the upright supports E, secured thereto at their base, and supporting at the top the longitudinal levers L, pivoted at their inner end to

the coupling-pin C, and extending outward sufficiently just to clear the sides of the car on which the device is placed. The coupling-pin C is made sufficiently long to project through the draw-head A and coupling-link D in the ordinary manner, but is reduced in size for a short distance at the lower end, forming a shoulder on each side thereof at e, which rests on the top of the link D, which is curved slightly at each end, as shown.

By raising or lowering the handles L the outer end of the link may be raised or lowered to suit draw-heads of different heights, and guided therein without the necessity of getting between the cars. By pulling down on either handle the pin may be entirely withdrawn from the link and the cars uncoupled.

This device is simple and not liable to get out of repair, works easily and perfectly from the side of the car, and can be used on any of the ordinary draw-heads now in use without material change.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the draw-head A, platform B, secured thereto and having uprights E E, the levers L L, pivoted to said uprights, the curved link D, and the coupling-pin C, having a pivotal connection with the levers, and provided with beveled shoulders e e, engaging the link, as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY KROBLIN.

Witnesses:

B. F. HOOD,
WATT WEBB.